

MILITARY SPECIFICATION

COATING SYSTEM, EPOXY-POLYAMIDE, CHEMICAL AND  
SOLVENT RESISTANT, PROCESS FOR APPLICATION OF

This amendment forms a part of Military Specification MIL-C-22751, dated 2 March 1971, and is approved for use by all Departments and Agencies of the Department of Defense.

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2.1, Under Specifications, Federal, add the following:

"O-E-760	Ethyl Alcohol
TT-I-735	Isopropyl Alcohol"

2.1, Under Specifications, Military, delete the following:

"MIL-C-5410	Cleaning Compound, Aluminum Surface, Non-Flame-Sustaining
MIL-T-19544	Thinner, Acrylic-Nitrocellulose Lacquer
MIL-T-19588	Toluene-Methyl Isobutyl Ketone Mixture
MIL-L-81352	Lacquer, Acrylic (for Naval Weapons Systems)."

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2.1, Under Specifications, Military, Add the following:

"MIL-T-81772 Thinner, Aircraft Coating."

2.1, Under Publications, delete "NAVAL" and substitute "NAVAIR."

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3.2, line 1, delete "butyl alcohol" and substitute "isopropyl alcohol."

3.2, line 3, delete "MIL-T-19544" and substitute "MIL-T-81772, Type II."

4.1.1, (b), lines 9 and 10, delete "MIL-T-19588, or MIL-T-19544" and substitute "MIL-T-81772."

4.1.2, delete last sentence.

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4.1.2.1, line 1, delete "16 hours" and substitute "8 hours."

4.2.1, delete paragraph and substitute the following:

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"4.2.1 Epoxy-polyamide primer and topcoat. Epoxy-polyamide primer is furnished in two types under MIL-P-23377. Epoxy-polyamide topcoat is furnished in two types under MIL-C-22750. The admixed primer or topcoat shall be thinned to spraying viscosity of 16 to 18 seconds through a Number 2 Zahn cup by adding MIL-T-81772 Type II thinner, stirring, straining and allowing to stand at room temperature for 30 minutes before using."

4.2.2, delete paragraph.

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4.3, delete paragraph and Table I.

4.3.1, delete paragraph.

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5.2.3, delete paragraph.

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5.5, line 2, delete "4.2.2" and substitute "4.2.1."

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5.5.2, line 2, delete "for each color."

5.5.2, Table II delete and substitute:

TABLE II

Drying Time (70°F)

	<u>Epoxy Primer</u>	<u>Epoxy Topcoat</u>
Dry to touch	1/2 hour	1 hour
Dry hard	6 hours	7 hours

5.5.2, note 1/, line 3: Delete "8 days" and substitute "7 days."

5.5.2, note 1/, line 9: Delete "(90 to 100°F)" and substitute "(100°F for 8 hours or 150°F for 3 hours)."

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6.4.2, lines 1 and 2, delete and substitute the following:

"6.4.2 Insignia and marking application. Acrylic-nitrocellulose lacquer MIL-L-19537 or MIL-L-19538 shall be employed as the insignia and marking material."

6.4.2, line 5, delete "4.3" and substitute "5.5.2."

6.4.2.1, delete paragraph.

6.4.2.2, line 3, delete "MIL-L-81352."

6.4.2.4, line 3, delete "MIL-L-81352 lacquer. As an alternate apply."

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Table IV, under "Comment", opposite the operation "Exterior Marking", delete first sentence and second sentence, and substitute "Use MIL-L-19537 or MIL-L-19538 acrylic nitrocellulose lacquer as the insignia and marking material over epoxy topcoat which is less than 8 hours old."

Table IV, under "Comment", opposite the operation "Exterior Marking", delete "Apply MIL-L-81352 over sanded surface."

Custodians:  
Army-ME  
Navy-AS

Preparing activity:  
Navy-AS  
(Project No. 8010-1047)

Review activities:  
Army-ER, MI, ME  
Navy-SH, OS

User activities:  
Army-AV  
Navy-CG, MC, YD

